



A.D. 1851 . . . . . N° 13,739.

# SPECIFICATION

OF

PIERRE ARMAND LE COMTE DE  
FONTAINE MOREAU.

PRESERVING ANIMAL SUBSTANCES, &c.

LONDON:

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FONTAINEMOREAU'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, PIERRE ARMAND le Comte DE FONTAINE MOREAU, of 4, South Street, Finsbury, in the County of Middlesex, and 24, Boulevard Poissonniere, Paris, in the Republic of France, Patent Agent, send greeting.

5 WHEREAS Her present most Excellent Majesty Queen Victoria, by Her Royal Letters Patent under the Great Seal of the United Kingdom of Great Britain and Ireland, bearing date at Westminster, the Fourth day of September, One thousand eight hundred and fifty-one, in the fifteenth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Pierre  
10 Armand Le Comte de Fontaine Moreau, my exors, admors, and assigns, Her especial license, full power, sole privilege, and authority, that I, the said Pierre Armand Le Comte de Fontaine Moreau, my exors, admors, and assigns, or such others as I, the said Pierre Armand Le Comte de Fontaine Moreau, my exors, admors, or assigns, should at any time agree with, and no others, from  
15 time to time and at all times during the term of years therein expressed, should and lawfully might make, use, exercise, and vend within England, Wales, and the Town of Berwick-upon-Tweed, and in the Islands of Guernsey, Jersey, Alderney, Sark, and Man, and also in all Her said Majesty's Colonies and Plantations abroad, the Invention of "IMPROVEMENTS IN PRESERVING ANIMAL SUBSTANCES  
20 FROM DECAY BY MEANS OF A COMPOSITION APPLICABLE TO THE CURE OF CERTAIN DISEASES," communicated to me from abroad; in which said Letters Patent is contained a proviso that I, the said Pierre Armand Le Comte de Fontaine Moreau, shall cause a particular description of the nature of the said Invention,



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and in what manner the same is to be performed, by an instrument in writing under my hand and seal, to be enrolled in Her Majesty's High Court of Chancery within six calendar months next and immediately after the date of the said in part recited Letters Patent, as in and by the same, reference being thereunto had, will more fully and at large appear.

**NOW KNOW YE**, that in compliance with the said proviso, I, the said Pierre Armand Le Comte de Fontaine Moreau, do hereby declare that the nature of the said Invention, and the manner in which the same is to be performed, are fully described and ascertained in and by the following statement thereof, that is to say :—

The Invention communicated to me consists in the employment of metallic salts, but preferably of sulphate of zinc in a state of aqueous solution at certain degrees of strength, for the preservation of corpses or anatomic parts and animal substances in general from decay, which said metallic solution, when combined with certain emollient substances, is applicable to the cure of external diseases.

To obtain the above effects I operate as follows :—

The salts of zinc, as they are found in commerce, may be used, but I employ by preference the metal itself, on account of its superior state of purity. I dissolve a portion of zinc previously granulated in water mixed with sulphuric acid, which I cause to combine immediately and form a solution of the strength of thirty or forty degrees of Beaume's aerometer. I filter the solution and leave it at rest several days, in order to allow it to deposit all the heterogenous particles it may hold in suspension. When the deposit is formed I decant the liquid part with care, and I employ it for injections, by introducing it through one of the arteries of the corpse. If the subject is intended to be exposed to the open air, or in a naked condition, I add to my solution during the operation of injection one third of its weight of oil of turpentine, so that it may form a complete amalgamation. According to discretion, I give any desired odour by means of an essence, and I also give it a red colour.

If I have to preserve anatomic parts by immersion, then I employ my solution in a pure state, and concentrate it only to twenty or twenty-five degrees. I prepare this solution in a similar manner to the first.

When the said principle is applied to the cure of gangreous wounds and other similar external diseases, I employ the liquid in the highest concentrated condition, and weaken it in a decoction of linseed, marsh mallow, or other emollient plants, and I reduce it to the strength of four to ten degrees. I make use of it by imbibing lint or compress with it, which I apply on the wound, taking care to change it each time until a complete cure has been effected. When it



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is required to disinfect places rendered offensive by the presence of organic or animal substances in a state of putrefaction, I dissolve the liquid in water and reduce it to the strength of ten degrees.

Finally, when it is desirable to employ it for washing the hands and other  
5 parts of the body, I reduce the solution to two or three degrees.

And having now described the Invention communicated to me, and the means of carrying the same into effect, I wish it to be understood that I do not claim as the Invention communicated to me the mode of operating herein laid down, but what I do claim as of the said Invention and intended to be  
10 protected by the said Letters Patent is,—

Firstly, the application of metallic salts, but principally of sulphate of zinc, at the degrees herein laid down, or thereabouts, for the preservation of corpses or anatomic parts and animal substances in general from decay, as herein-before mentioned.

15 Secondly, the application of the said solution, combined with emollient substances, for the cure of wounds or other similar external diseases of the human body, as herein-before described.

In witness whereof, I, the said Pierre Armand Le Comte de Fontaine  
Moreau, have hereunto set my hand and seal, this Fourth day of  
20 March, in the year of our Lord One thousand eight hundred and fifty-two.

L. DE FONTA (L.S.) INEMOREAU.

AND BE IT REMEMBERED, that on the Fourth day of March, in the year of our Lord 1852, the aforesaid Pierre Armand Le Comte de Fontainemoreau  
25 came before our said Lady the Queen in Her Chancery, and acknowledged the Specification aforesaid, and all and every thing therein contained and specified, in form above written. And also the Specification aforesaid was stamped according to the tenor of the Statute made for that purpose.

Enrolled the Fourth day of March, in the year of our Lord One thousand  
30 eight hundred and fifty-two.

LONDON :

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Printers to the Queen's most Excellent Majesty. 1855.

